Patent
Attorney Docket No. 1034123-000195

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	Group Art Unit:
Xiang-Dong Fu et al.	)	Examiner:
Application No.: 10/561,764	)	Confirmation No.:
Filing Date: December 21, 2005	)	
Title: GENOME MAPPING OF FUNCTIONAL DNA ELEMENTS AND CELLULAR PROTEINS	)	

SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a Second Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

☒ No additional fee for submission of an IDS is required.

☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.

☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.

☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.

☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.

☐ A check in the amount of _____ is enclosed for the fee due.

☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date July 21, 2006

By: _____
Joseph R. Baker
Registration No. 40,900

P.O. Box 1404
Alexandria, VA 22313-1404
650 622 2300

I hereby certify that this correspondence is being deposited with the United State Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Date of Deposit July 21, 2006

_____
Typed Name: Therese Fuentes

Attorney's Docket No. 1034123-000195

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	
Xiang-Dong Fu et al.	Group Art Unit: To Be Assigned
Application No.: 10/561,764	Examiner: To Be Assigned
Filed: December 21, 2005	Confirmation No.: To Be Assigned
For: GENOME MAPPING OF FUNCTIONAL DNA ELEMENTS AND CELLULAR PROTEINS	

Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service via First Class Mail Post Office to Addressee under 37 CFR §1.10 on July 21, 2006 in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Therese Fuentes

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

A copy of the listed U.S. patent document is not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the document is listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY LLP

Date July 21, 2005

By: _____
Joseph R. Baker, Jr.
Registration No. 40,900

12230 El Camino Real
Suite 300
San Diego, CA 92130-2090
(858) 509-7300

Substitute for form 1449A/PTO & 1449B/PTO	Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	**Application Number**	10/561,764
	Filing Date	December 21, 2005
	First Named Inventor	Xiang-Dong Fu et al.
	Examiner Name	To Be Assigned
Sheet 1 of 4	**Attorney Docket Number**	1034123-000195

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	2002/172946		Jian-Bing et al.	11-21-2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS: Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	WO 2001/16378		WIPO	03-08-2001							
	WO 1989/09835		WIPO	10-19-1989							

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date, publisher, city and/or country where published.
	AVIVA SYSTEMS BIOLOGY: "ChIP-GLAS Complete product handbook for the Aviva Systems Biology ChIP-GLAS system" [online] 2005, pages 1-29 (URL:www.avivasysbio.com/corp/ChIP-GLAS%20Manual%20H20K.pdf)
	~~AVIVA SYSTEMS BIOLOGY: "ChIP-GLAS Microarray-Technolgie" [Online] 2006, page 6 (URL:www.acris-antibodies.de/pdf/news-10-gocamt.pdf)~~
	BARANY F., "The Ligase Chain Reaction In A PCR WORLD," *PCR Methods and Applications*, Cold Spring Harbor, NY, U.S.A. Vol. 1, No. 1, pp. 5-16, 1991.
	FAN et al., "A versatile assay for high-throughput gene expression profiling on universal array matrices," *Genome Research* 14(5):878-885, 2004.
	NAL et al., "Location analysis of DNA-bound proteins at the whole-genome level: Untangling transcriptional regulatory networks," *Bioessays* 23(6):473-476, 2001.
	YEAKLEY et al., "Profiling alternative splicing on fiber-optic arrays," *Nature Biotechnology* 20(4):353-358, 2002.

Examiner Signature	/James Martinell/	Date Considered	09/25/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./